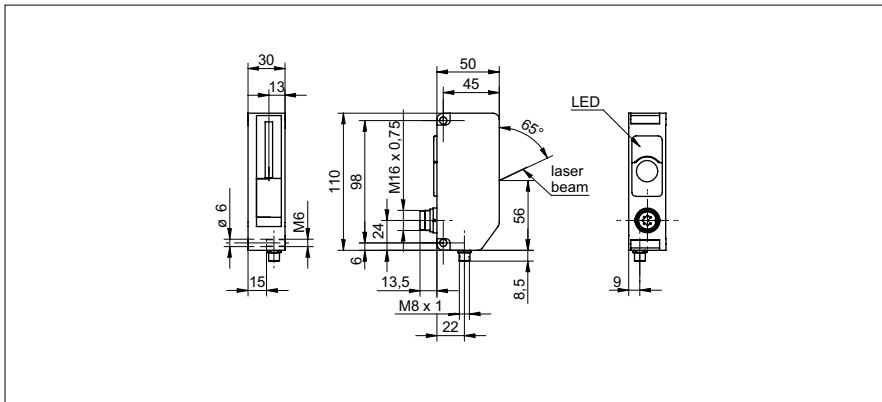


Copy counters

FLDK 110G1903/S42

dimension drawing



general data

measuring distance Sd	0 ... 120 mm
optimum operating distance	70 mm
object speed	< 5 m/sec
sensitivity	single sheet/edge thickness 0,25 mm
sync. input	yes
measuring point	visible red laser line 2 mm
light source	pulsed red laser diode
wave length	650 nm
laser class	2
edge indicator	LED yellow
power on indication	LED green

electrical data

voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	200 mA
output circuit	push-pull
short circuit protection	yes
reverse polarity protection	yes

mechanical data

width / diameter	30 mm
type	rectangular
housing material	PA 6
connector base (main connector)	DIN 45326, 8 pin
front (optics)	glass

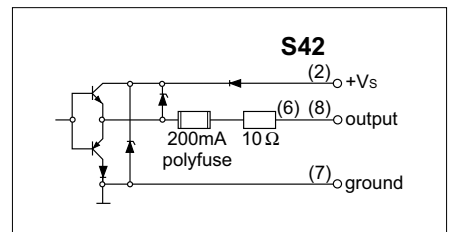
ambient conditions

operating temperature	0 ... +50 °C
protection class	IP 54

photo



connection diagram



laser warning

**LASER RADIATION**  
DO NOT STARE INTO BEAM  
Wavelength: 620...680nm  
Max. av. Output: < 1mW  
IEC 60825-1, Ed. 2, 2007  
**CLASS 2 LASER PRODUCT**

Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to laser notice No. 50, dated June 24, 2007